

IONESCU, I.

COUNTRY : ROMANIA
 CATEGORY : Chemical Technology. Chemical Products and Their Applications. Synthetic Polymers. *
 ABS. JOUR. : RZKhim., No. 19, 1959, No. 69710
 AUTHOR : Calcan, V.; Ionescu, I.; Goldenberg, N.
 INST. : Rumanian Academy
 TITLE : Plastics Derived from Furfural and Its Derivatives, V. Effect of thermal Treatment on **
 ORIG. PUB. : Studii si cercetari mec. apl. Acad.RPR, 1957, 8, No 3, 847-863
 ABSTRACT : Based on the results of a study that investigated the effect of thermal treatment (60, 90, 110 and 130° at 12, 24, 48 and 72 hours duration) on the water and oil resistances of the phenol-furfural textolite (T) it was established that after thermal treatment at severe conditions (130°, 72 hours) a sample of T,
 **Water and Oil Resistances of Textolite Derived from the Phenol-Furfural Resin.
 *Plastics.
 CARD: 1/3

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005 71C

ABS. JOUR. : RZKhim., No. 19, 1959, No. 69710

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT :after 24 hours immersion in water at 100°, loses some of its original weight (0.4% on the average). After thermal treatment performed at relatively mild conditions (60°, 72 hours) the absorption of water by a sample comprizes approx. 2.5%. The lowering of water temperature (to 50 and 25°), in which a T sample is being kept, lowers considerably the quantity of absorbed water. The variation in oil temperature (in the 25-100° limits), on the other hand, has very little effect on the quantity
 Con'd

CARD: 2/3

ISECHESCU, Dimitriy (Isacescu, D.); ~~IONESCU, I.~~ [Ionescu, I.]; PETRUS, Iliana [Petrus, Ileana]

Studies in the field of furfurole. XI. The furfuroleacetone resins. XII. On the possibility of lattice forming in the furfurole-acetone resins with formaldehyde and phenols. Rev chimie 5 no.2:187-222 '60.

(EEAT 10:4)

1. TSentr khimicheskikh issledovaniy Akademii nauk RNR, Bukharest.
2. Akademiya RNR, chlen-korrespondent Akademii nauk RNR (for Isacescu)
(Furaldehyde) (Acetone) (Gums and resins, Synthetic)
(Phenol) (Formaldehyde)

ISACESCU, Dimitrie A.; IONESCU, I.; PETRUS, Ileana

Studies in the field of furfurole. XI. Resins of furfural and acetone.
XII. On the possibilities of reticulating the furfurole-acetone resins
with the aid of formaldehyde and phenol. Studii cerc chim 8 no.1:
29-65 '60. (REAI 9:8)

1. Membru corespondent al Academiei R.P.R. (for Isacescu). 2.
Centrul de cercetari chimice al Academiei R.P.R., Bucuresti.
(Gums and resins, Synthetic) (Acetone) (Furaldehyde)
(Formaldehyde) (Phenol)

ISACESCU, Dimitrie A.; IONESCU, Ion V.; PETRUS, Ileana

Studies in the field of furfurole. XIII. On the possibilities of reticulating the furfurole-acetone resins with resorcinol, pyrogallol, and formaldehyde. Studii cerc chim 8 no.2:201-211 '60. (EEAI 10:2)

1. Centrul de cercetari chimice al Academiei R.P.R. 2. Membru
corespondent al Academiei R.P.R.; Comitetul de readctie, Studii si
cercetari de chimie (for Isacescu)
(Furaldehyde) (Acetone) (Gums and resins, Synthetic)
(Resorcinol) (Pyrogallol) (Catalysts)

ISACESCU, Dimitrie A.; IONESCU, Ion V.

Studies in the field of furfurole. XIV. Researches on the resistance of thermoelastic plastic materials to the action of microorganisms. Studii cerc chim 8 no.2:243-271 '60. (EEAI 10:2)

1. Centrul de cercetari chimice al Academiei R.P.R., Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie (for Isacescu).
(Furaldehyde) (Plastics) (Microorganisms)

ISACESCU, Dimitrie A.; IONESCU, I. V.

Studies in the field of furfurole. XXI. Relations between the factors determining the obtainment of stratified materials on the basis of furfurole-phenol resins and their physicomechanical properties. I. Influence of the resin drop point and the contents in hexamethylene-triamine on stratified textile materials. Studii cerc chim 9 no.1: 123-137 '61. (EAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectorul fizico-chimia rasilor de furfurol, Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, STUDII SI CERCETARI DE CHIMIE (for Isacescu).

(Plastics) (Strength of materials) (Furaldehyde)
(Hexamethylenetetramine)

ISACESCU, D.A.; IONESCU, I.V.

Relations between the obtaining elements of layers with
furfurole-phenolic resin and their physicochemical
properties. Pt.2. Studii cerc chim 11 no.1:37-48 '63.

1. Laboratorul de fizico-chimia macromoleculelor al
Centrului de cercetari chimice al Academiei R.P.R.,
Bucuresti. 2. Membru corespondent al Academiei R.P.R.
(for Isacescu).

ANTONESCU, Eugen, ing.; DIMA, Marian; IONESCU, Ion V., sef de brigada

The 1963 step. Constr Buc 15 no.729:3 28 D'63.

1. Sef de proiect la Institutul de proiectari de uzine si instalatii metalurgice (for Antonescu). 2. Seful atelierului de instalatii de la santierul Drumul Taberei, al I.C.L.B. (for Dima).

ISECHESKU, D. A. [Isacescu, D. A.] chlen-korr. Akademii RNR;
IONESKU, I. V. [Ionescu, I. V.]

Crystallinity of polyethylene of a high and a very high
molecular weight, induced by hydrostatic condensation.
Rev chimie 7 no. 1: 257-266 '62.

1. Bucharest, Tsentr khimicheskikh issledovaniy Akademii
RNR, Laboratoriya Fiziko-khimii vysokomolekulyarnykh
soyedineniy.

ISACESCU, Dimitrie A.; GAVAT, Ion; IONESCU, Ion V.; STOICESCU, Calin

Studies in the furfural field. Pt.27. Studii cerc chim 14
no.3:211-220 Mr '65.

1. Physical Chemistry Research Center, Rumanian Academy,
18 Dumbrava Rosie St., Bucharest. Submitted June 23, 1964.

ISACESCU, Dimitrie A.; GAVAT, Ion; STOICESCU, Calin; IONESCU, Ion V.

Studies on furfural. Pt.27. Rev chimie Roum 10 no.3:233-244 Mr '65.

1. Institute of Physical Chemistry, Rumanian Academy, Bucharest.
Submitted June 23, 1964.

IONESCU, J.

Observations on the action of molten masses in glass furnaces on fire-clay material. p. 681. COMUNICARILE. Bucuresti: Vol. 5, No. 4, April, 1955.

SOURCE: East European Accessions List (EEAL)LC, Vol. 5, No. 2, Feb. 1956.

Ionescu, J.; Tentulescu, D.

Observations on the action of certain ordinary silicate meltings on refractory materials used in the glass industry. p. 215.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania, Vol. 3, No. 3/4, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 1, Jan 1960.

Uncl.

IANOVICI, Virgil; IONESCU, Jeana

Contributions to the mineralogical knowledge of the massif of alkaline rocks at Ditrau (Rumania). Studii cerc geol geof geogr 9 no.2:417-422 '64.

Distributions of some minor elements in alkaline rocks of the syenitic Ditrau Massif (Rumania). Ibid.:423-430

1. Institute of Geology and Geography, Rumanian Academy.
 2. Corresponding Member of the Rumanian Academy (for Ianovici).
- Submitted July 9, 1964.

GIUSCA, D.; IONESCU, Jeana; UDRESCU, C.

New contributions to the geochemistry of beryllium. Studii cerc
geol 9 no.1:93-100 '64

1. Institute of Geology and Geography of the Rumanian Academy. 2.
Corresponding Member of the Rumanian Academy (for Giusca).

GIUSCA, D.; ICNESCO, Jaana; UDRESCU, Constanta

Contributions to the geochemical study of the Highis Massif.
Studii cerc geol geof geogr 9 no.2:431-438 '64.

1. Institute of Geology and Geography, Rumanian Academy.
 2. Corresponding Member of the Rumanian Academy (for Giusca).
- Submitted March 30, 1964.

BARKHAD, B., kand.med.nauk, dotsent [Barhad, B.]; PILAT, L.; BERDAN, K.;
PREDA, N.; MIKHEILE, I. [Mihaila, I.]; LILLIS, R.; ELIAS, R.;
GARTNER, A. [Hartner, A.]; GRUDINE, K. [Grudina, K.]; VAYDA, I.;
IONESKU, K. [Ionescu, K.]

Working conditions and health of salt mine workers. Gig. i san.
24 no.12:24-30 D '59. (MIRA 13:4)

1. Iz Instituta gigiyeny i obshchestvennogo zdorov'ya Rumynskoy
Narodnoy Respubliki, Bukharest.
(MINING)

ZITTI, Ye. [Zitti, E.]; POPESCU, L. [Popescu, L.] (Bukharest, rayon 30 Dekabrya, ul. Barbu Delayranesha); DINKE, G. [Dinca, G.]; FOTIADE, B.; IONESCU, K. [Ionescu, K.]; DANCHU, I. [Danciu, I.]

Significance of heart catheterization in pulmonary surgery.
Vest.khir.90. no.2:63-69 F'63. (MIRA 16:7)

1. Iz kliniki torakal'noy khirurgii (dir. - prof. K.Kerpinishan)
i laboratorii issledovaniya serdechno-legochnoy funktsii (dir.
prof. V.Marinesku), Bukharest.
(CARDIAC CATHETERIZATION) (LUNGS—SURGERY)

RUMANIA / Farm Animals. Cattle. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7390

Author : Cadantu, L.; Gheorghiu, A.; Ionescu, L.

Inst : Not given

Title : An Experiment Establishing the Influence of Carrots on the Milk Production of Cows

Orig Pub : Probl. zootehn. si veterin., 1958, No 2, 29-31

Abstract : In the daily ration of the control group cows the content of carotene amounted to 232 mg and of the experimental group which received 10 kg of carrots it amounted to 962 mg. Observations which lasted for 24 days showed that the average daily milk yield of the control group cows amounted to 10.9 kg and of the experimental group to 10.6 kg each; eva-

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RUMANIA / Farm Animals. Cattle. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7390

luated in terms of a 4 percent fat content, the milk yield amounted to 10.9 and 9.28 kg; correspondingly, the consistency of milk amounted to 1.030 and 1.030; the dry residue in milk to 12.8 and 12.2 percent; the content of vitamin A in milk to 0.185 and 0.095 mg/kg, and of carotene to 0.203 and 0.250. Carotene in the amount of 0.14 and 0.68 percent passes into the milk, 103.0 and 66.84 percent are excreted with feces and 0.0 and 32.48 percent are deposited in the organism of the cow.

Card 2/2

IONESCU, I.

Dimensional and qualitative conditions of the wood for the manufacture of pencils. p.412

INDUSTRIA LEMNULUI (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industrii Lemnului, Bucuresti, Rumania
Vol. 8, no.11, Nov 1959

Monthly List of East European Accessions 2(EET) IC, Vol. 9, no 2, Feb. 1960

Uncl.

MARINESCU, V. [Marinescu, V.], prof. (Bukharest); SETLACHEK, D. [Setlacec, D.]
(Bukharest); PROINOV, F. (Bukharest); IONESCU, L. [Ionescu, L.]
(Bukharest)

Treatment of defects of the cardiac septum by means of direct
open heart suture in hypothermia. Vest.khir. 85 no.10:35-43
0 '60. (MIRA 13:12)
(HYPOTHERMIA) (HEART—ABNORMALITIES AND DEFORMITIES)

MARINESCU, V., prof.; SETLACEK, D.; PROINOV, D.; IONESCU, L.

Treatment of septal defects, stenosis of the pulmonary artery and tetralogy of Fallot with the aid of the interruption of circulation under hypothermia. Khirurgiia, Sofia 14 no.2/3:199-203 '61.

(HEART SEPTUM abnorm) (PULMONARY STENOSIS surg)
(TETRALOGY OF FALLOT surg) (HYPOTHERMIA INDUCED)

GHITESCU, T., dr.; TOMESCU, I., dr.; IONESCU, L., dr.; MUNTEANU, I., dr.

Some clinical and therapeutic aspects of arterial embolisms of the extremities. Med. intern. 15 no.3:323-332 Mr '63.

1. Lucrare efectuata in Clinica de chirurgie "Fundeni" (conducator: Prof. Voinea Marinescu).

(EMBOLISM)	(AXILLARY ARTERY)	(ILIAC ARTERY)
(FEMORAL ARTERY)	(POPLITEAL ARTERY)	(HEART DISEASES)
(CEREBRAL EMBOLISM AND THROMBOSIS)		

L 42228-66 I JK

ACC NR: AP6031576

SOURCE CODE: RU/0003/66/017/001/0047/0048

AUTHOR: Sauciuc, A.; Ionescu, L.

ORG: Factory of Antibiotics, Iasi (Fabrica de antibiotice)

TITLE: Photocolorimetric iodometric micromethod for streptomycin determination in fermentation liquids

SOURCE: Revista de chimie, v. 17, no. 1, 1966, 47-48

TOPIC TAGS: streptomycin, iodinated organic compound, quantitative analysis

ABSTRACT: The authors elaborated a method suitable for the continuous determination of streptomycin contents in fermentation liquids. The method is based on the transformation of maltol into iodoform in alkaline iodine solution; the consumption of iodine in the solution to be analyzed, which was previously alkalized, is a measure of the streptomycin contents. Orig. art. has: 2 figures and 1 table. [JPRS: 36,002]

SUB CODE: 06, 07 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 004,
OTH REF: 005

Card 1/1

IONESCU, Dan, ing.; IONESCU, Leontina, ing.

~~Ships with bearing wings. Rev transport 11 no.9:407-418 S '64.~~

RUMANIA

DRAGHICI, I., TEODORESCU, Maria, ZAHARIA, Florica, IONESCU, Liliانا, and MANOLACHE, Viorica, Bucharest [affiliation not given]

"The Relation Between Part and Whole in Biology."

Bucharest, Natura. Seria Biologia, Vol 18, No 1, Jan-Feb 66, pp 3-8.

Abstract: A summary of the principal views currently being held among biologists of various countries with regard to the relation between the characteristics of parts of organisms and those of the organism as a whole.

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MARINESCU, Nicolae, prof. ing.; ENEEA, Barbu, ing.; STRAULE, Dimu, ing.;
IONESCU, Liviu, ing.

Improvement of the transmission equivalent of the telephone sets made
in Rumania. Telecommunicatii 7 no.2:65-69 Mr-Apr '63.

RUMANIA

IONESCU, Luca I., Professor, Domnesti-Arges

"Education of Students in the Spirit of Affection Toward Agricultural Labor"

Bucharest, Natura, Seria Biologie, Vol. 18, No. 3, May-June 66, pp. 52-55.

Abstract: It is the goal of the general education to provide the students with the latest discoveries of biological science. This must be based on a scientific level corresponding to contemporary biology. A historical review must be given concerning the origin and the properties of living matter followed by a review of general biological problems such as adaptation, specification, heredity, variability, levels of organization of living matter, etc. Such a carefully prepared biological course will be very helpful in providing the young people with a materialistic scientific concept about the world.

1/1

CORNELISON, Da.; ZAMFIR, Gh.; SECHTER, I.; TUDORANU, H.; STAVRI, Gr., in colla-

APPROVED FOR RELEASE: Thursday, July 27, 2000 Mante CIA-RDP86-00513R0005 71C
M. Filipine, A. Sechter, V. Copel, A. Balasopol si E. Bostan

Studies of methods of control of water systems with intermittent distribution. Probl. ter., Bucur. no.7:7-18 1957.

1. Laboratoral de igiena generala si comunala, Institutul de Medicina Iasi, Institutul de igiena R.P.R., Filiala Iasi, Sanepidul orasenese Iasi si Laboratoral sanepidului regional Iasi.

(WATER SUPPLY, microbiology

testing of systems with intermittent distribution, problems & methods)

L 29259-66

ACC NR: AF6019361

SOURCE CODE: RU/0012/65/061/006/0953/0959

AUTHOR: Ionescu, M. (Pharmacist; Colonel); Bruja, M. (Pharmacist; Lieutenant colonel)

ORG: none

TITLE: Considerations on the quantitative determination of free and esterified serum cholesterol by the modified Neuschloss method

SOURCE: Revista sanitara militara, v. 61, no. 6, 1965, 53-959

TOPIC TAGS: biochemistry, organic solvent

ABSTRACT: Following a study of the influence of various factors in the Neuschloss determination, the authors determined the quantities of the different reagents which will lead to reproducible accurate results. The working technique outlined by the authors is considerably simpler than the Sperry-Webb one and gives comparable results. Alcohol is used as the solvent extracting the cholesterol. Orig. art. has: 1 table.

[JPRS]

SUB CODE: 06 / SUM DATE: none / ORIG REF: 002

Cord 1/1 CP

L 33718-66

ACC NR: AP6025151

SOURCE CODE: RU/0012/65/061/004/0549/0554

AUTHOR: Ionescu, M. (Doctor; Colonel); Zelter, E. (Doctor; Lieutenant colonel)

ORG: none

TITLE: Treatment of essential arterial hypertension 22

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 549-554

TOPIC TAGS: cardiovascular disease, disease therapeutics

ABSTRACT: A survey of the principal current methods of treating arterial hypertension. The main topics covered are prophylactic measures, therapeutic principles in terms of the stage of the disease, and hygienic-dietary treatment. The authors conclude that successful treatment of such cases depends both on the skill of the physician and on the degree of cooperation of the patient. [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: 20Jan65 / ORIG REF: 012 / OTH REF: 002

Card 1/1

~~I 30141-66~~
ACC Nbr AP6020325

SOURCE CODE: RU/0012/65/061/001/0015/0022

AUTHOR: Zamfir, C. (Doctor; Major general); Efanov, A.I. (Doctor; Major); Cioba, Gh. (Doctor; Major); Macarie, O. (Pharmacist; Major); Ionescu, M. (Pharmacist; Colonel)

ORG: none

TITLE: Concerning the atherosclerotic-type disturbances of lipid metabolism in young people with essential arterial hypertension

SOURCE: Revista sanitara militara, v. 61, no. 1, 1965, 15-22

TOPIC TAGS: biologic metabolism, blood pressure, circulatory system disease

ABSTRACT: To study the disturbances in lipid metabolism of the atherosclerotic type in essential arterial hypertension in persons under 40 years old, the authors examined the lipid balance in 97 patients with essential hypertension, of whom 62 were between 18 and 24 years and 35 between 25 and 40 years. The control group consisted of 30 patients between 40 and 81 years suffering from clinical and humoral atherosclerosis. The various clinical and laboratory tests confirmed that essential arterial hypertension induces changes in the lipid balance, even in the beginning stages of the disease and in young persons. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 009 / OTH REF: 003
SOV REF: 002

Card 1/1 Tm

L 29259-66

ACC NR: AP6019361

SOURCE CODE: RU/0012/65/061/006/0953/0959

AUTHOR: Ionescu, M. (Pharmacist; Colonel); Bruja, N. (Pharmacist; Lieutenant colonel)

CRG: none

TITLE: Considerations on the quantitative determination of free and esterified serum cholesterol by the modified Neuschloss method

SOURCE: Revista sanitara militara, v. 61, no. 6, 1965, 953-959

TOPIC TAGS: biochemistry, organic solvent

ABSTRACT: Following a study of the influence of various factors in the Neuschloss determination, the authors determined the quantities of the different reagents which will lead to reproducible accurate results. The working technique outlined by the authors is considerably simpler than the Sperry-Webb one and gives comparable results. Alcohol is used as the solvent extracting the cholesterol. Orig. art. has: 1 table.

[JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002

Card 1/1

ALEXIU, L., Maj-Gen, Dr, IONESCU, M., Col, Dr, ZELTER, E., Lt-Col, Dr, NICOLAU, A., Lt-Col, Dr, MIHAILESCU, C., Maj, Dr, and CARUNTU, C., Capt, Dr [affiliation not given]

"The Study of Post-Virotic Chronic Hepatitis in Military Environment."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 447-459.

Abstract: A study based on an evaluation of 196 cases of post-virotic chronic hepatitis. Reviews the conditions of the study and discusses the factors influencing the development of chronic hepatitis. Includes an analysis of the etio-pathogeny and diagnosis of the disease, its evolution and curative and prophylactic measures. Contains data as to the results of the various treatments in reducing the duration of the disease. Includes 4 tables, 3 figures and 24 references, of which 19 Rumanian, 4 Russian and 1 English.

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~~MAJ-GEN~~
IONESCU, M., Colonel, Medical Corps; CIOCIRLIE, D., Colonel, Medical Corps; NICOLAU, A., Lieutenant-Colonel, Medical Corps; ZELTER, E., Lieutenant-Colonel, Medical Corps; and CAZAN, A., Major, Medical Corps.

"Ankylosing Spondylitis; Clinical Forms and Treatment"

Bucharest, Revista Sanitara Militara, Vol. 62, No. 3, May-June 1966; pp 421-429

Abstract: Didactic and well-organized review of this condition: clinical forms, etiology, symptomatic types; clinical forms according to the first locus or appearance of the disease; later localization, detailed case report on a "peripheral form", prophylactic and curative treatment including physiotherapy, gold, muscle-relaxant, balneotherapy, orthopedic procedures in various phases. 7 Western, 10 Rumanian references. Manuscript received 21 February 1966.

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MARINESCU, B., Dr, Col, TEODORESCU, C., Dr, Lt-Col, MINADACHE,
Gh., Dr, Lt-Col, ANTON, M., Dr, Lt-Col, IACOMI, D., Pharmacist,
Col, IONESCU, M., Pharmacist, Col, and MACARIE, O., Pharmacist,
Lt-Col [affiliation not given]

Studies on the Lipid Spectrum of Plasma in Some Categories
of Soldiers."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,
pp 683-690.

Abstract: The authors studied the plasma lipid spectrum of
a group of 224 healthy soldiers, average age 32 years, divided
into 3 groups according to age and diet pattern. They found
that the average range of cholesterolemia in the age range 25
to 35 years is normally 150 to 200 milligram-percent, with
values above 250 definitely abnormal. A direct causal relation
was found between the percentage of lipid calorigenic tropines
in the diet and changes in the lipid spectrum of the plasma.

Includes 4 tables, 4 figures and 17 references, of which
7 Rumanian, 4 French and 6 English-language. -- Manuscript
submitted 18 November 1965.

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RUMANIA

IACOMI, D., Pharmacist, Col, MACARIE, O., Pharmacist, Lt-Col,
CONICESCU, O., Pharmacist, Lt-Col, ILIESCU, E., Pharmacist,
Lt-Col, IONESCU, M., Pharmacist, Col, and BRUJA, N., Pharmacist,
Lt-Col [affiliation not given]

"Rapid and Simplified Methods Used in Biochemistry. Preparation
of Paper Strip Tests for the Deceleration of Urinary Glucose."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,
pp 727-734.

Abstract: The authors describe the method of preparing and
preserving paper strip kits for urinary glucose tests. The
strips are impregnated with glucoso-oxidase or peroxidase and
ortho-toluidine. The simplicity and rapidity of using such
strips and their specificity and relatively good sensitivity
are emphasized.

Includes 5 references, of which one German, 2 French and
2 English-language. -- Manuscript submitted 25 January 1966.

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ANDRONOVICI, Gh.; BADENSKI, A.; OLARIU, Tr.; IONESCU, R.; JONESCU, M.;
RISHICU, V.

Epidemiological studies of an epidemic of dysentery in a
community. Rev. igiena microb. epidem., Bucur. 1:26-40
Jan-Mar 55.

1. Lucrare efectuata in cadrul Sanepidului central al Capitalei.
(DYSENTERY, epidemiol.
epidemic in school in Rumania, etiol., develop. &
prev. measures.

BADENSKI, A.; IONESCU, M.

Levin's medium used for differentiation of bacteria of the Shigella, Salmonella and Escherichia coli groups. Rev. igiena microb. epidem., Bucur. 1:84-85 Jan-Mar 55.

1. Lucrare efectuata in Laboratorul Sanepidului Capitalei.

(ESCHERICHIA COLI, culture

Levin medium for differentiation of E. coli, Salmonella & Shigella bact.

(SALMONELLA, culture

(SAME)

(SHIGELLA, culture

(SAME)

(CULTURE MEDIA

(SAME)

JONES, H.

ROMANIA / Microbiology - Sanitary Microbiology. 7-3

Abstr Jour: Ref Zhur-Biol., No 9, 1958, 38427.

Author : Tudoraru, H., Stavri, Gr., Cuciureanu, G., Mutescu, O., Ionescu, M., Birzu, N., Ovanescu, A.

Inst : Not given.

Title : Some Data on Occurrence of Hemolytic Streptococci in the Air of Classrooms and Rooms of a Scarlet Fever Hospital.

Orig Pub: Rev. microbiol., parasitol. si epidemiol., 1956, 1, No 1, 51-56.

Abstract: During a scarlet fever epidemic and during the non-epidemic period, the prevalence of hemolytic streptococci was determined in the air of classrooms and

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Abstract: scarlet fever hospital rooms. Petri dishes with blood agar were exposed for 1 hour in the rooms under study; hemolytic streptococci isolated were identified serologically. The authors concluded that by isolating hemolytic streptococci on plates only a very approximate picture of the degree of air contamination in rooms can be obtained. Epidemiological investigation should always be accompanied by a serological identification of strains isolated. It should always be borne in mind that at different times different strains of hemolytic streptococci are found. The relationship between endemic strains of hemolytic streptococci and strains isolated during the period of scarlet fever epidemic should also be taken into account.

Card 2/2

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IONESCU, M.

Journal of Human and Animal Morphology - General and Pathological.
Annals of Development and Pathological Anatomy

Ann Jour : Ref Jour Mol., No 11, 1956, 503-5

Author : Ionescu, M., Surutaru, D., Păcurar, I., Bărbulescu,
E., Surutaru, I., Ionescu, M., Căpănuș, V.

Text : Bacteriologic

Title : Pathomorphological Picture of Experimental Influenza in
Suckling Mice

Orig Pub : Studiul al caracterelor histopatologice, microscopice, et par-
ticol. Anat. 1956, 7, No 148, 71-82

Abstract : The experimental animals (50 suckling mice, 70 adult mice,
45 suckling rats and 40 adult rats) were infected either
with the virus of influenza A or with the same virus and
and pathogenic bacteria (Klebsiella pneumoniae, pneumo-
coccus, streptococcus). The virus of influenza caused a

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very acute form of disease in suckling than in adult
animals. This was expressed by very rapid development
of infection, greater lethality and more pronounced mor-
phological changes. When other microorganisms were added,
especially K. pneumoniae, a more severe and complicated
picture of disease developed; in many cases, sepsis
occurred. In view of the appearance of multiple affec-
tions in the infected animals, the authors assume the
existence of a mixed infection. Influenza virus together
with the addition of the respiratory organs and subothe-
lial of the epithelium, also of other kinds of tropism
(nervous, hepatic, splenic, myocardial, etc.).
-- M. Bărbulescu

Card 2/2

RUMANIA/Microbiology - Microorganisms Pathogenic to Humans and Animals F-3

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81629

Author : Filip, E., Ionescu, M., Perju, A.

Inst : -

Title : A Study of the Candidiasis Group of the Genito-Urinary Tract.

Orig Pub: Microbiol, parazitol. i epidemiol., 1957, 2, No. 2, 150-161

Abstract: 207 women were investigated (87 pregnant, and 120 with various gynecological ailments). Yeast-like fungi of the Candida group were found in the genito-urinary tract in 26%; clinical manifestations of candidiasis were observed only in 8.21%. C. albicans was found

Card 1/2

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APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005 71(

RUMANIA/Microbiology - Microorganisms Pathogenic to Humans and Animals F-3

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81629

in 53% of the cases, C. kruzeli in 22%, C. tropicalis in 19%, C. pseudotropicalis and C. guilliermondi each in 3% of the cases. -- Author's abstract.

Card 2/2

IONESCU, M.

SORU, E.; NESTORESCU, N.; POPOVICI, M.; IONESCU, M.

A new test for differentiation of pathogenic staphylococci, the arginase test. Stud. cercet. inframicrobiol., Bucur. 8 no.3:395-409 1957.

(MICROCCUS PYOGENES

differentiation of pathogenic strains by arginase activity)

(AMIDASES, determination

arginase, in Micrococcus pyogenes, value in differentiation of pathogenic strains)

Ionescu, M. (dr)
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 4, Jul-Aug 1961, pp 347-350.

Data: "Studies on the Duration of the Carrier State in Escherichia
coli, O 111, B₄ and O 55, B₅₅."

Authors:

IVANOF, A., -Dr.-

CIUPE, M., -Dr.-

IONESCU, N., -Dr.-

NEGRU, Magdalena, -Dr.-

GPO 981643

MARINESCU, Voinea; IONESCU, M.; PAUSESCU, E.; FOTIADE, B.

Aspects of the metabolic and haemodynamic behaviour of the
organism in deep hypothermia. Rumanian med.rev. 7 no.4:73-79
O-D'63.

DAMIAN, Elena; MARCEAN, Rodica; IONESCU, Margareta

Quantitative testing of ovarian lipid extract. Stud. cercet.
endocr., 15 no.2:175-176 '64.

IONESCU, M.

Use of fluidization in assaying coal. p. 242.

REVISTA MINELOR

Vol. 7, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

Ionescu M.

RUMANIA/Chemical Technology - Chemical Products and Their
Application - Treatment of Solid Mineral Fuels. H.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30105

Author : Ionescu, M. and Anghel, V.

Inst :

Title : Semicoking With Fluidized Beds.

Orig Pub : Rev Minelor, 8, No 2, 98-104 (1957) (in Rumanian with
summaries in German, French, English, and Russian)

Abstract : A brief survey of the present state of the art of semi-
coke production and a description of investigations
which have shown that important advantages can be deri-
ved by operating with fluidized beds.
The bibliography lists 8 articles.

Card 1/1

52

RUMANIA/Chemical Technology - Chemical Products and Their
Application. Refining Solid Fuel Minerals.

H-22

APPROVED FOR RELEASE: Thursday, July 27, 2000
Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58619

CIA-RDP86-00513R0005 71(

Author : Ionescu Mitl, Florea Octavian

Inst : -

Title : Some Problems of Briquetting Lignites.

Orig Pub : Rev. minelor., 1957, 8, No 11, 532-537

Abstract : Indicates the variety of phenomena that occur during
the briquetting of Rumanian lignites, which differ
from those usually described in literature; the neces-
sity of carrying out investigations in this area is
noted.

Card 1/1

- 56 -

RUMANIA / Chemical Technology, Chemical Products and H
Their Application, Part 3. - Treatment of
Solid Combustible Minerals.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62176.

Author : D. Miti Ionescu, Valeriu Anghel.

Inst : Not given.

Title : Study of Semicoking in Fluidized Layer.

Orig Pub: Metalurgia si constr. mas., 1957, 9, No 12,
19 - 24.

Abstract: The results of the study of Rumanian coal semi-coking and the following tests of the semicoke utilization possibility are presented. It is proposed to use it instead of the semicoke produced in Abderhalden ovens as an addition for rendering the charge of coke installation less bituminous. The new method was carried out on industrial scale.

Card 1/1

RUMANIA / Chemical Technology. Chemical Products and H-22
Their Applications. Chemical Processing of
Solid Fossil Fuels.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005 71(

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9547.

Author : Ionescu, M., Duinea, N.

Inst : Not given.

Title : Application of Sapochnikov Plastometric Method
for Testing Rumanian Coal.

Orig Pub: Rev. minelor, 1958, 9, No 4, 176-188, 145, 146.

Abstract: Results are given of determination of coking capacity obtained in investigating 276 samples of Rumanian coals collected from 11 mines of Vail Jiului and Banat basins. -- G. Bonvoch.

Card 1/1

Country	: Rumania	E-2
Category	: Analytical Chemistry - Analysis of inorganic substances	45580
Abstr. Jour	: Referat Zhur - Khim , No 13, 1959	45580
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract	: wool plugs); the resin is soaked in water for 24 hrs prior to the analysis. The column is washed with 6-10% HCl solution (300 ml) and water (300 ml). The sample of ore to be analyzed is oxidized by fusion, treated with bromine, and dissolved in 50 ml 0.3 N HCl, after which the solution is boiled (5-6 drops of perhydrol are added when necessary), filtered, and the precipitate is washed with hot water. The filtrate obtained is passed through the column at a rate	

Card: 2/3

IONESCU, M.; SCUTARU, I.; OLTEANU, E.

Dehydration tests on brown-wood coal by the Zacsco process. p. 19

ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania
si Ministerul Energiei Electrice si Industrii Electrotehnice)
Bucuresti, Rumania Vol. 7, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

IONESCU, M.

Fluidization applied in the manufacture of semicoke from the coal of the Jiu River valley, and other possibilities of utilizing the fluidization in the coal industry. p. 430.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industrii Petrolului si Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no 10, Oct. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

IONESCU, M., AND OTHERS.

Carbofluide: research on the industrial scale on the production of semicoke by fluidification. p. 660

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicienilor din Romania) Bucuresti, Rumania.
Vol. 11, no. 8, Aug. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no 2 Feb. 19⁶50.

Uncl.

IONESCU, M.; IVANESCU, M.

Value of maize meals of different extraction grades. p. 1205.
(COMUNICARILE. Rumania. Vol. 6, no. 10, Oct. 1956)

50: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ROMANIA / Chemical Technology. Food Industry.

H-28

Abs Jour : Ref. Zhur-Khimiya, No 12, 1958, 41327.

Author : Ionosku, Ivenosku, Poposku.

Inst : Agricultural inst.

Title : Application of corn flour in bread baking.

Orig Pub : Anuarul lucrur stiint. Inst. agron., 1957, 179-190

Abstract : Experimental bread baking from mixtures of wheat and corn flour showed that best results were obtained with wheat flour $\leq 85\%$ yield with an addition of the corn flour (fine milling, of $\leq 40\%$ yield) in the amount not exceeding the amount of the sifted off bran.

Card 1/1

Ionescu M.

RUMANIA/Chemical Technology - Chemical Products and Their Applications - Food Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37832

Author : Ionescu, M., Anghelovici, M., Diaconescu, C.

Inst : -

Title : Content of Carotenoids and Their Derivatives in Corn Flour as a Function of Degree of Milling.

Orig Pub : Probl. Agric., 1957, 9, No 6, 36-43

Abstract : Carotenoid (C) content in 3 types of corn flour was investigated, in relation to the nature of milling in different cuts obtained by fractionization of the grist. The content of C and zeaxanthine differs from that of the whole flour. With the decrease of yield %, C and zeaxanthine content in the flour grows. It has been found that in flour samples with yields of: 0-30; 0-45 and 0-70, the content of C and derivatives is always higher than corresponding content in the flour: with

Card 1/2

>3

RUMANIA/Chemical Technology - Chemical Products and Their Applications - Food Industry.

APPROVED FOR RELEASE: Thursday, July 27, 2000

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Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37832

yields of 30-100, 45-100, 70-100. Corn flour with the smaller outcrop is richest in C and also contains higher % of fats, mineral substances and digestible proteins. Determination of C in the flour was made by two methods. It was established that a simplified version of Body method gives results higher by 0.74-16.3%, than those obtained by Rachenskii-Buryan Method.

Card 2/2

✓ Rezistența Aripilor Triunghiulare Dubluconice, cu Panta Variabilă, în Curent Supersonic (Traînée d'Alles Triangulaires Coniques à Pente Variable, en Régime Supersonique). E. Carafoli, and M. Ioanescu. Rumanian. Acad. Rumanian
People's Rep. Inst. Appl. Mech., Studies
& Res. in Appl. Mech., July-Dec., 1954,
pp. 285-306. In Rumanian. Study of
the wake problem for doubly conical,
triangular wings of symmetrical thickness
in supersonic flow.

① 82/82P 71 GT

Category : RUMANIA/Magnetism - Ferrites

F-5

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4043

Author : Iabusca, Elena; Ionescu, M., Nicolau, Ed.

Title : Experimental Investigation of Nickel and Copper Ferrites.

Orig Pub : Comun. Acad. RPR, 1956, 6, No 5, 649-654

Abstract : Using methods that are peculiar to powder metallurgy, the author had developed a method for obtaining magneto-dielectric materials of the double nickel ferrite type. The method consists of pressing and sintering a suitable mixture of pure oxides of Fe, Ni, and Zn. The double ferrite has magneto-dielectric properties, contributing to its use at high frequency, and is characterized by a high resistance (small volume losses). To be usable in the frequency band of 0.15 -- 4.5 mc, the ferrite composition should have a NiO/ZnO ratio of 0.35 and a ratio $(NiO + ZnO)/Fe_2O_3 = 1$.

Card : 1/1

IONESCU, M.

Studies on magneto-dielectric materials of the ferrite type.

p. 307 (Academia Republicii Populare Romine. Institutul de Fizica. Studii Si Cercetari De Fizica. Vol. 7, no. 2, Apr./June 1956. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

IONESCU, M.

Some economic aspects of technical progress. p. 43. METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor) Bucuresti. Vol. 8, no. 4, Apr. 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, No. 11, November, 1956.

IONESCU, M.; OTOFU, S.; MITU, D.

Records and achievements are desired by sport aviators. p.6

(ARIPILE PATRIEL. Vol. 3, No. 4, Apr. 1957. Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

3030. Carafoli, E., and Ionescu, M., General theory of triangular wing with given pressure distribution (in French), Acad. Repub. Pop. Romine, Rev. Mecan. Appl. 3, 2, 5-21, 1958.

Authors discuss the so-called reverse problem which consists in determining the surface form (the warp) of a triangular wing in supersonic flow, the pressure coefficient distribution being given under the form of a higher-order homogeneous polynomial. The cases which define the problem are then presented, pointing out that each of these cases may be reduced to a direct equivalent problem. It follows that the reverse problem may be treated in the same way as the direct problem, namely through the hydrodynamic analogy previously proposed by Carafoli. However, in addition to the singularities used to solve the direct problem, a logarithmic singularity must be introduced at the origin. It is in this way that the solution is obtained. General solutions are given for the thick wing with subsonic leading edges, for the thick wing with one supersonic leading edge, and for the thin wing.

Practical applications include conical motions of the first and second orders.

T. Oroveanu, Roumania

JW
1/1

887

IONESCU, M.

The Soviet cosmic rocket. p. 6.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

IONESCU, M.; DARIE, G.

Wave resistance and the rolling moment of wings with supersonic leading edges.
p.683

STUDII SI CERCEȚĂRI DE MECANICĂ APLICATĂ. Academia Republicii Populare Române
București, Rumania
Vol. 10, no.3, 1959

Monthly List of East European Accessions, (EEAI) LC., VOL. 9, no.1, Jan. 1960
Uncl.

IONESCU, M.

"Attempts to produce threads of viscose silk from cellulose of beech trees."
Industria Textile, Bucuresti, Vol 5, No 5, May 1954, p. 170

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

IONĂȘKIU, M. Yakob

"Methods of Increasing the Assortment and Improving the Quality of the Cotton Cloth of the Rumanian People's Republic." Cand Tech Sci, Moscow Inst of the National Economy imeni G. V. Plekhanov, Moscow, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

Country : Rumania H-6
 Category= :
 Abs. Jour. : 46275
 Author : Ionescu, M.
 Institut. :
 Title : Problems of Hygiene in the Production of
 Viscose Fiber.
 Orig. Pub. : II-a Conf. tehn.-stint. a ind. usoare.
 Textile. (Bucuresti), ASIT, 1957, 342-346
 Abstract : Consideration of the deleterious substances
 formed during the different stages of production, and of
 the distribution of these substances in the outdoor atmos-
 phere, in the air inside the plant, and in sewage, during
 different seasons of the year and throughout the day, and
 also of the utilized and contemplated methods of control of
 atmospheric pollution within industrial buildings.
 Z. Khaimskiy.

Card:

Country : Rumania H-32
 Category= :
 Abs. Jour. : 48062
 Author : Lupu, A.; Halalau, A.; Ionescu, M.
 Institut. :
 Title : Some View Concerning the Reaction Mechanism of
 Xanthogenation of Alkali Cellulose Utilized in
 the Viscose Industry.
 Orig. Pub. : Celuloza hirtie, 1957, 6, No 9, 296-298
 Abstract : Description of the results of studies of the
 reaction mechanism of xanthogenation of alkali cellulose.
 Determinations were made of changes in the extent of
 esterification of cellulose xanthate with lapse of time, in
 particular depending upon addition of NaOH solution to the
 reaction system, effected after certain lengths of time
 following the beginning of the reaction. To determine the
 degree of esterification -- the value of X , use was made of
 the acidimetric method of Kruger. The data obtained have
 shown that the advantage of xanthogenation of alkali cellu-
 lose with an emulsion, resides essentially in an acceleration

Continued on p. 110

Reduction by designing the construction and assembly work
share in the total value of investments. Problems seen 17
no.9:50-63 5 '64.

IONESCU, M., ing.

Inventions and innovations. Ind lemnului 14 no.4:148-149 Ap '63.

IONESCU, M.; PAUSESCU, E.; TRANDAFIRESCU, E.; FLORESCU, Rodica

Enzymatic activity of the kidney perfused at low temperatures.
IV. Carbonic anhydrase, alkaline phosphatase and glutamine
transferase activity in renal tissue homogenates. Stud. cercet.
fiziol. 9 no.5:481-485 '64

MARINESCU, V., membru corespondent al Academiei R.P.R.; PAUSESCU, E.;
IONESCU, M.

Cerebral biochemical characteristics in hypothermal conditions.
Fiziol. norm. pat. 11 no.3:223-235 My-Je '65.

1. Clinica de chirurgie si Laboratorul de organe artificiale,
Spitalul clinic Fundeni.

MARINESCU, Eliza, dr.; DEBAU, M. dr.; IONITA, O., dr.; IONESCU, M., dr.

Value of radiological examination in the diagnosis of chronic gastritis. Med. intern. (Bucur.) 17 no.9:1031-1034 8 '65.

1. Lucrare efectuata in Clinica a V-a medicala, Centrul de gastro-enterologie, Bucuresti (director: prof. T. Spirchez).

IONESCU, M.; BACHU, C.; BROSTEANU, G.; STANCIULESCU, P.; IONESCU, N.

Arteriography in osseous tumors of the extremities. Rev. sci. med. 6
no.1/2:57-59 '61.

(EXTREMITIES neoplasms)
(BONE AND BONES neoplasms)
(ANGIOGRAPHY)

IONESCU, M. [Ionescu, M.]; SIMU, M.

Interrelation between the head of the pancreas and the other organs of the abdominal cavity. Arkh. anat., gist. i embr. 42 no.3:72-75 Mr '62.
(MIRA 15:5)

1. Kafedra opisatel'noy i topograficheskoy anatomii Kluzhskogo mediko-farmatsevticheskogo instituta, Rumyniya. Adres avtorov: R.N.R. Kluzh, Miko, 3 Kluzhskiy mediko-farmatsevticheskoy institut.
(PANCREAS) (VISCERA)

IONESCU, M.

NIKOLAU, K. [Nicolau, K.]; IALOMITSANU, M. [Jalomicianu, M.]; POPPA, Ch.
[Poppa, C.]; PYREBU, R.; - IONESCU, M. [Ionescu, M.]

Treatment of acute hemorrhage by means of intra-arterial centripetal
transfusion of dextran with subsequent intravenous blood transfusion.
Probl. gemat. i perel. krovi 5 no. 8:32-34 Ag '60. (MIRA 14:5)
(HEMORRHAGE) (DEXTRAN) (BLOOD—TRANSFUSION)

IONESCU, Maia

Theory of convergence of economic systems, and expression of
anticommunism crisis. Probleme econ 16 no.12:84-93 D '63.

DAMIAN, Elena; IONESCU, Margareta

Elimination of urinary 17-ketosteroids and dietary regimen in rabbits.
Stud. cercet. endocr. 13 no.4:561-563 '62.
(17-KETOSTEROIDS) (URINE) (DIET)

MILCU, Ioana; DAMIAN, Elena; IONESCU, Margareta

Control of the glomerulotropic action of the pineal hormone. Stud.
cercet. endocr. 13 no.5:639-642 '62.

(KIDNEY GLOMERULUS)

(PINEAL BODY)

MILCU, Ioana; DAMIAN, Elena; IONESCU, Margareta

Data concerning extraction from the urine of an epiphysial anti-
androgenic substance. Stud. cercet. endocr. 13 no.2:217-223 '62.
(PINEAL BODY hormones) (ANDROGENS antagonists)
(URINE)

DAMIAN, Elena; IONESCU, Margareta; TEODORU, V.

Action of extracts of the pineal body of oxen, cows, bulls and
calves on testicular respiration in vitro. Stud. cercet. endocr.
13 no.3:373-375 '62.

(TESTIS metabolism)
(PINEAL BODY extracts)

(TISSUE METABOLISM pharmacology)
(CATTLE)

DAMIAN, Elena; IONESCU, Margareta

Chromatogram of the urinary 17-ketosteroids in the castrated rabbit.
Stud. cercet. endocr. 13 no.6:763-765 '62.
(17-KETOSTEROIDS) (CASTRATION) (RABBITS)

DAMIAN, A.; DAMIAN, Elena; SIMIONESCU, N.; SCHERZER, Maia; IONESCU,
Margareta; POPESCU, Ileana

Research on the regeneration of the residuum after subtotal
bilateral adrenalectomy in animals with experimental hyper-
corticism. Stud. cercet. endocr. 15 no.5:419-426 '64.

MILCU, Ioana; DAMAIAN, Elena; IONESCU, Margareta; POPESCU, Ileana

Cholesteremic changes and serum lipoprotein changes in rabbits
treated with epiphysial hormone. Stud. cercet. endocr. 15 no.5:
403-406 '64.

MILCU, Ioana; DAMIAN, Elena; IONESCU, Margareta; POPESCU, Ileana

Correlation between the decrease of cholesteremia and urinary
17-ketosteroids under the influence of treatment with pineal
hormones. Stud. cercet. endocr. 16 no.3:257-261 '65.

VASILESCU, R., dr.; IONESCU, Margareta, farm.

Antibiotic paste in the treatment of simple and complicated pulp gangrene. Stomatologia (Bucur) 12 no.1:23-26 Ja-F'65.

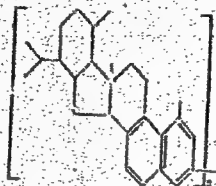
1. Lucrare efectuata in cadrul Serviciului stomatologic si Farmaciei Spitalului de adulti Dragasani (director - dr. M. Popescu).

MILCU, Ioana; DAMIAN, Elena; IONESCU, Margareta; POPESCU, Ileana

Contribution to the study of the role of the pineal body in
mineral metabolism. Studii cercet. endocr. 16 no.2:113-119
'65.

Ionescu, M.

Sterols. VI. The action of hydroiodic acid upon cholesterol and upon the bile acids (attempted to obtain ergosterol hydrocarbons with a sterol structure). Ionescu, M., Siberg, V., Părcășan, M., Ionescu, M., Terdic, D., and Chiriac, R. *Acad. Rep. Populare Romine. Stud. Cercetari chim.* 2, 223-34 (1954); *C. A.* 46, 4024g. (1954) (d. 1.7) and cholesterol treated in a sealed tube at 130° give a 3,3'-bicholestane (I), m. 140-62°. I dehydrogenated with Se yields II. Presumably neither I nor II are pure substances, but closely related isomers, or mixts. of materials having a similar compn.; however, conventional separation methods, like chromatography, fractional distn. at ordinary or reduced pressures, differences in solv. in org. solvents or in other physicochem. properties, have failed to split either I or II into more than one compd. Cholic acid treated in the same manner with HI at 130-80° furnishes amorphous material only, from which no definite compd. could be isolated, but the acidic material originally present is still there to the extent of about 1/2 its original amt. Cholanolic acid at 280° with HI, optionally in the presence of red P, is quantitatively recovered; lithocholic acid under these conditions forms amorphous matter. Werner Jacobson



(II)

stances, but closely related isomers, or mixts. of materials having a similar compn.; however, conventional separation methods, like chromatography, fractional distn. at ordinary or reduced pressures, differences in solv. in org. solvents or in other physicochem. properties, have failed to split either I or II into more than one compd. Cholic acid treated in the same manner with HI at 130-80° furnishes amorphous material only, from which no definite compd. could be isolated, but the acidic material originally present is still there to the extent of about 1/2 its original amt. Cholanolic acid at 280° with HI, optionally in the presence of red P, is quantitatively recovered; lithocholic acid under these conditions forms amorphous matter. Werner Jacobson

RM

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✓ The deficiency role of riboflavin and thiamine in the

does not constitute a steady character of the psoriasis
patient's nutrition as in the case of the nicotinic de-

(40) for *Mycobacterium tuberculosis*. The LD₅₀ was found to be 0.6 g/kg body weight in mice. In the acute toxicity test, the LD₅₀ was found to be 0.6 g/kg body weight.

Ex. resp. & therapy, & therapeutic index 5 times higher than the hydrazide of isonicotinic acid (40 and 33 %).

resp.; Pharmacodynamic expts. showed that a dose of 0.125 g/kg (1/10 L.D.₅₀) of Isonicotinoyl hydrazone pyruvic acid administered daily for 7 days produced no effect on growth and is intestinal motility whereas an equal dose of the hydrazide of isonicotinic acid had no effect on growth and is intestinal motility.

QERIN, I. S., IONESCU, H.

pared to the action of known clinical substances, has proved that doses of 5 mg./kg. of isonicotinoyl hydrazine pyruvic acid has an equiv. action to 5 mg./kg. hydrazide of isonicotinic acid and to 33 mg./kg. streptomycin.

culated spots and a dissemination of the tuberculous infection. An insignificant lesion reactivation was observed in guinea pigs treated with isonicotinoyl hydrazine pyruvic acid and with the hydrazide of isonicotinic acid in doses of

5 mg./kg. and was more accentuated in progressive order for streptomycin, PAS and TBI.

T. Z. Gheorghe

CARD 2/2

IONESCU, M.; FARCASAN, V.; TANASESCU, I.

Contributions to syntheses of atebrine and plasmochin. p. 183.

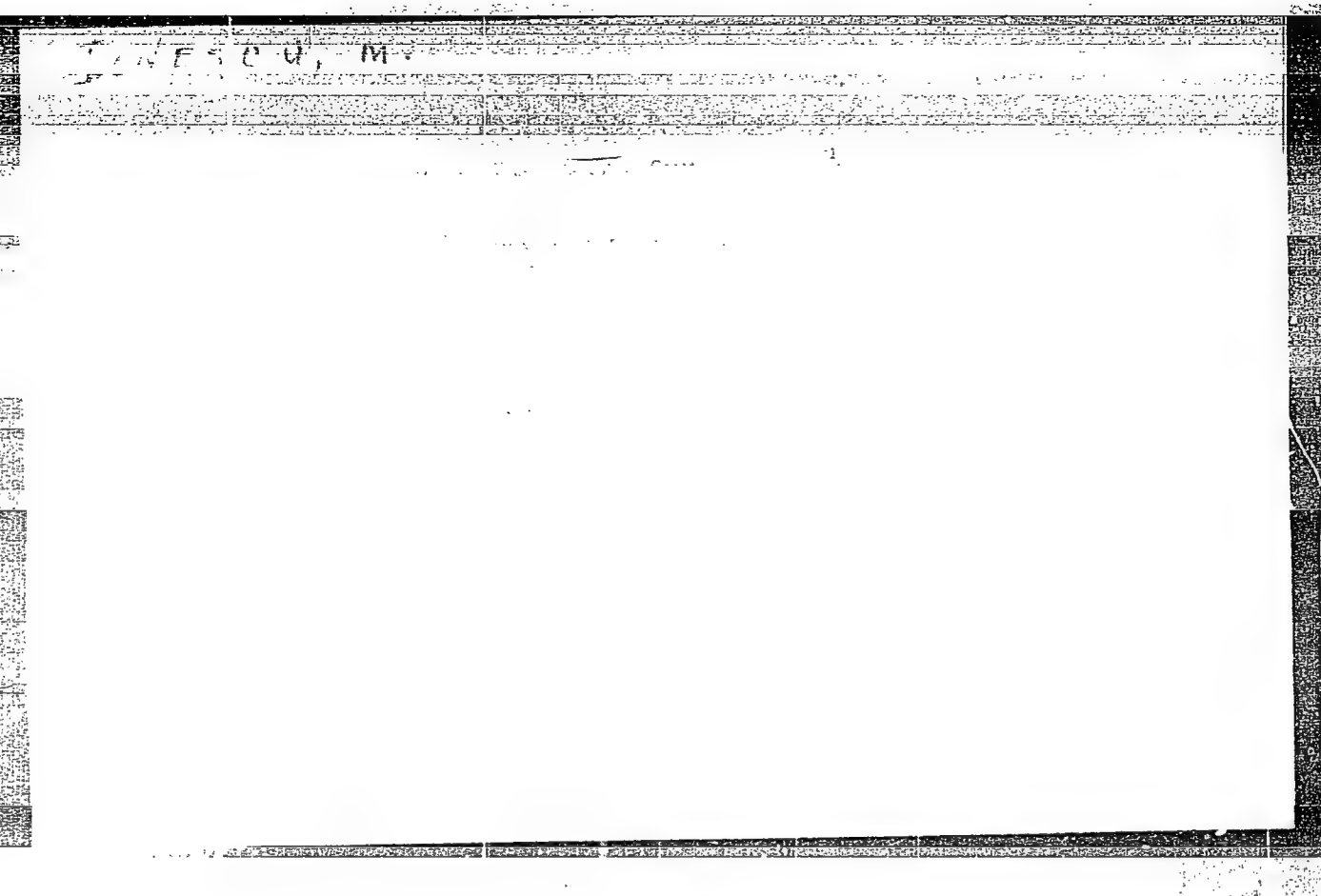
Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE.

Bucuresti. Vol. 3, no. 3/4, July/Dec. 1955.

So. East European Accessions List

Vol. 5, No. 9

September, 1956



IONESCU, M.

Action of alcoholates on halogenous aromatic nitro derivatives (I); action
alkaline methyl alcoholic hydroxides and of sodium methylate upon
p-nitrochlorobenzene. p. 69.

STUDII SI CERCETARI DE CHIME

Vol. 4, No. 1/2, Jan./June 1956

Rumania

SOURCE: EEAL, Vol. 5, No. 10 Oct. 1956

IONESCU, M.

Relation between the chemical structure and the tubercu-
lostatic action of benzothiosemicarbazones

Abstract
The tuberculostatic activity of β -hydroxybenzothiosemicarbazones and β -hydroxyphenylthiosemicarbazones with different substituents in the benzene ring was compared with that of the glyoxal derivative. In the ortho position of the benzene ring, the tuberculostatic activity is enhanced as well as the toxicity. In the meta position, the activity is diminished, while the toxicity is increased, and finally in the para position, the tuberculostatic activity is increased while the toxicity is diminished. The aminobenzothiosemicarbazones, with the amino group blocked with allylthioether, has *in vitro* a higher activity than the β -acetylamino benzothiosemicarbazone (T.B.) and a lower toxicity. In the series of the α -, β -, and γ -isomers of benzothiosemicarbazones, the more active seems to be the meta derivative, whose products *in vitro* are similar to the activity of the compound 1. $\times 10^4$ and a certain inhibition of 10^{-4} M. T.B. produces 2×10^4 l. $\times 10^{-4}$ M. *Martha Agnes*

RUMANIA / Organic Chemistry--Synthetic Organic Chemistry G-2

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 27470

Author : Ionescu, Maria, Goia, I., and Felmeri, I.
Inst : Rumanian Academy of Sciences
Title : The Chemistry of the Acridones. XVI. The Direct Chlorination of Acridone.

Orig Pub: Studii si Cercetari Chim Acad RPR, Fil Cluj, 8, No 3-4, 351-361 (1957) (in Rumanian with French and Russian summaries)

Abstract: The effect of the solvent, catalyst, temperature, reaction time, Cl_2 consumption, and concentration on the degree of chlorination of acridone (I) with Cl_2 has been investigated. The chlorination of I with a solvent saturated with Cl_2 or HCl in the presence of 30% H_2O_2 was also investigated.

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RUMANIA / Organic Chemistry--Synthetic Organic Chemistry

"APPROVED FOR RELEASE: Thursday, July 27, 2000

G-2

CIA-RDP86-00513R0005 71(

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 27470

Abstract: It has been shown that the maximum degree of chlorination of I in a stream of Cl_2 is achieved in glacial CH_3COOH (30 min, 100°); the product is 2,4,5,7-tetrachloroacridone (II) the structure of which has been confirmed by reverse syntheses. The chlorination of I in CH_3OH , C_2H_5OH , $CH_3CH(OH)CH_3$, $n-C_4H_9OH$, $iso-C_5H_{11}OH$ gives non-separable mixtures of I and its various chlorine derivatives. The chlorination of I with a mixture of HCl and H_2SO_4 in the presence of H_2O_2 also gives mixed products with a maximum Cl_2 content of 33.2%. When II is heated with $POCl_3$, 2,4,5,7,9-pentachloroacridine (III) is obtained. A solu-

Card 2/4

RUMANIA / Organic Chemistry--Synthetic Organic
Chemistry

U-2

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 27470

Abstract: and 3.5 gms POCl_3 is heated to 85-90° and then for 2 hrs at 135-140°, the POCl_3 is distilled off, and III is separated, mp 193° (from benzene). For Communication XV see RZhKhim, 1959, 8358.--A. Marin

Card 4/4

106

FONRESCU M.

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Drugs, Vitamins, Antibiotics.

H.

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005 710

Author : Ionescu, M., Waitman, R., Miss, A., Voinescu, R.,
Benis, B., Sternberg, M.

Inst : -

Title : Purification Methods of Penicillin.

Orig Pub : Rev. Chim. 1957, 8, No 5, 334-335

Abstract : Conditions for application of methods for penicillin G (I) purification have been established. They are: Precipitation of the colored impurities by acidification, recrystallization of (I) from butanol and isopropanol, purification of N,N'-dibenzyl ethylenediamine dipenicillate.

Card 1/1

RUMANIA / Chemical Technology. Chemical Products and
Their Applications. Explosives. Pyrotechnical
Compounds. Chemical Defense Agents.

H-21

IONESCU, Maria; GOIA, Ileana

On the acridones. XVIII. Study of the dichloracridone obtained through direct chlorination of acridone. Studii cerc chimie Cluj 10 no.2:335-340 '59. (REAI 9:9)

1. Academia R.P.R. - Filiala Cluj, Institutul de chimie.
(Acridanone) (Chlorination) (Dichloroacridanone)
(Acetic acid) (Tetrachloroacridanone)

IONESCU, MARIA

Distr: 4E3d

✓ The effect of alcoholates on the halogenated aromatic nitro derivatives. II. The effect of sodium methylate on *p*-nitrobromo- and *p*-nitroiodobenzene. Maria Ionescu and Marcela Farcasan (Org. chem. fac., "V. Babes" univ., Cluj, Romania). *Acad. rep. populara Romina, Filiala Cluj, Studii cercetari chim.* 10, 341-6 (1950); cf. CA 51, 1874b. — The reaction of *p*-nitrobromo- and *p*-nitroiodobenzene with NaOMe was performed under conditions which enabled the redn. to occur together with substitution. The molar ratio was the same in all syntheses, 1 mole *p*-nitrobromo- or *p*-nitroiodobenzene, 2.66 moles Na, and 20 moles MeOH. The nitro deriv. was added to the prepd. NaOMe, the mixt. heated on a boiling water bath, and the products sep'd. by entraining the *p*-nitroanisole in water vapor to leave the redn. products, *p,p'*-dibromo- and *p,p'*-diiodo-azoxybenzene and *p,p'*-dimethoxyazoxybenzene in the solid residue, while *p*-nitrophenol was left in the alk. soln. and phenolate. Quant. halogen detn. indicated that the substitution was more rapid and intense in the case of *p*-nitrobromobenzene, while redn. was more difficult than in the case of *p*-nitroiodobenzene. The halogens of the redn. products were not substituted under the conditions of these expts. L. Späc

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IONESCU, MARIA

Distr: 4E3d

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Chlorination of acridones. Maria Ionescu and Helena
Coca (Acad. R.P.R., Timisoara, Romania, *Rev. chim.*
Acad. rep. populare Romane, No. 1, 85-94(1960)(in
German). 2,7-Dichloroacridone (I) was prepd. by passing
Cl into 2 g. acridone (II) in 80 cc. CCl₄ while heating on a
H₂O bath 30 min. After heating 10 min. longer, the mixt.
was cooled, filtered, and the residue washed with CCl₄ and
EtOH (0.25 g.), m. 434° (98% HOAc). A mixt. of chlorina-
ted acridones was recovered from the CCl₄ soln. but pure
comps. could not be sepd. I was also obtained by treat-
ment of 3.2 g. N-(4-chlorophenyl)-5-chloroanthranilic acid
with 30 cc. POCl₃ at 135° 4 hrs., stirring into ice H₂O, and
boiling 2 hrs. Similarly, N-(4-nitrophenyl)-5-chloroan-
thranilic acid, m. 257°, gave 2-nitro-7-chloroacridone (III),
orange crystals, m. 415°. III (0.1 g.) in 20 cc. of refluxing
1:1 H₂O-EtOH with 1.6 g. powd. Zn and a lump of CaCl₂
yielded 0.06 g. 2-amino-7-chloroacridone, m. 317° (EtOH).
2,7-Dichloro-9-(4-dimethylaminophenyl)acridine (IV) (0.3
g.), m. 263° (EtOH), resulted from 0.2 g. I with 2 cc. Ph-
NMe₂ and 0.2 cc. POCl₃ at 95° 3 hrs. After dilg. with H₂O,
the mixt. was made basic and steam distd. to remove excess
PhNMe₂. 2,4,5,7-Tetrachloroacridone (V), m. 253° (tolu-
ene), was prepd. in 98% yield by passing Cl into glacial
HOAc contg. 1.5 g. I. V was also prepd. by treating

PhCCl:NC:CCl.CH:CCl.CH:CH, m. 78°, with Et 3,5-
dichlorosalicylate, m. 57°, to give 2,4-Cl₂C₆H₃N:CPhO-

C:C(CO₂Et).CH:CCl.CH:CCl, m. 126°, which underwent
ring closure at 200° in the presence of H₂SO₄ to yield V
(Jamison and Turner, *CA* 32, 1665). V (1 g.) was heated
with 3.5 g. POCl₃ at 135-40° 2 hrs., the excess POCl₃ distd.,
the residue poured into 4.5 cc. concd. NH₃, 11 g. ice, and
4.5 g. CHCl₃, the dried CHCl₃ ext. distd., and the cryst.
residue recrystd. from benzene, m. 193°.

Kenneth L. Mars.

IONESCU, MARIA

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Affiliation: [not given]

Sources: Bucharest, Igiene, No 3, Jul-Aug 61, pp 221-224

Date: "The Role of Milk in the Transmission of Typhoid Fever. Observations Made During a Complex Epidemiological Study."

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VASILIU, Ecaterina; IONESCO, Maria; CALOMFIRESCO, A.; BORDEINAU, P.;
ALLESEANU, Gh.; PANAITESCO, Gh.

The specific resistance produced by typhoid-paratyphoid vaccination compared with the immunity status of former typhoid fever patients as a criterion of evaluation of the effectiveness of T.A.B. vaccine. Arch. Roum. path. exp. microbiol. 20 no.3:321-325 S '61.

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Source: Timisoara, Timisoara Medicala, Vol VI, No 1, Jan-Jun 1961, pp 27-32.

Data: "Anatomical Considerations of an Aspect of Arterial Obliteration."

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